

IN THE CLAIMS

Listing of Claims

1-6. (Canceled).

7. (Original) A transmission method for text transmission data, said text transmission data being for transporting and playing text playback data in order, said text playback data being for use for a playback of text data, said transmission method comprising:

generating a payload section of the text transmission data based on the text playback data, said text playback data including a plurality of divided text data where the text data is divided and playback start information for starting a playback of the divided text data;

generating a header section of the text transmission data to which text information contained in a next packet is added; and

adding the header section to each generated payload section and making a packet, wherein each payload section includes the playback start information of the text header data.

8. (Original) A transmission method for text transmission data, said text transmission data being for transporting and playing text playback data in order, said text playback data being for use for a playback of text data, said transmission method comprising:

generating a payload section of the text transmission data based on said text playback data including a plurality of divided text data where the text data is divided and playback start information for starting a playback of the divided text data;

generating a header section of the text transmission data to which the number of divided text data contained in a next packet is added; and

adding the header section to each generated payload section and making a packet,
wherein each payload section includes playback start information of the text header data.

9. (Original) A transmission method for text transmission data, said text transmission data being for transporting and playing text playback data in order, said text playback data being for use for a playback of text data, said transmission method comprising:

generating a payload section of the text transmission data based on said text playback data including a plurality of divided text data where the text data is divided and playback start information for starting a playback of the divided text data;

generating a header section of the text transmission data to which playback time information of the divided text data contained in a next packet is added; and

adding the header section to each generated payload section and making a packet,
wherein each payload section includes the playback start information of the text header data.

10. (Original) A transmission method for text transmission data, said text transmission data being for transporting and playing text playback data in order, said text playback data being for use for a playback of text data, said transmission method comprising:

generating a payload section of the text transmission data based on the text playback data, said text playback data including a plurality of divided text data where the text data is divided and playback start information for starting a playback of the divided text data;

generating a header section of the text transmission data to which a text data length of the divided text data contained in a next packet is added; and

adding the header section to each generated payload section and making a packet, wherein each payload section includes the playback start information of the text header data.

11. (Original) A receiving method for text transmission data, said text transmission data being for transporting and playing text playback data in order, said text playback data being for use for a playback of text data, said receiving method comprising:

receiving first text transmission data and determining that there is a data loss when no second transmission data is received after a playback time of the first text data passes; and

replacing text information relating to divided text data contained in next text transmission data contained in the first text transmission data with the second text transmission data, when it is determined that there is a data loss.

12. (Original) A reception and display method for text transmission data, said text transmission data being for transporting and playing text playback data in order, said text playback data being for use for a playback of text data, said method comprising:

receiving first text transmission data and determining that there is a data loss when no second transmission data is received after a playback time of the first text data passes;

replacing text information relating to divided text data contained in next text transmission data contained in the first text transmission data with the second text transmission data when it is determined that there is a data loss; and

displaying an alternate text by a text data length when the text data length is 1 or more and executing no display of text data when the text data length is 0.

13. (Original) A data receiving apparatus comprising:

a data receiving section that receives text data from a server or a counterpart station;

a text display time extracting section that extracts a text display time for displaying text data from the received data;

an extension header storing section that extracts and stores information of an extension header where text data information of next text data is stored from the received data;

a data loss determining section that determines whether there is a loss of text data;

a text extracting and storing section that extracts and stores text data from the received data;

an alternate text storing section that stores an alternate text to be displayed when no text data to be displayed is received;

a text display time deciding section that decides a text display time input from the extension header storing section as a time for displaying a text when the data loss determining section determines that there is a data loss, and decides a text display time input from the text display time extracting section as the time for displaying the text when it is determined that there is no data loss;

a display text deciding section that decides to display the text stored in the text extracting and storing section when the data loss determining section determines that there is no data loss, and decides to display the alternate text stored in the alternate text storing section when the data loss determining section determines that there is a data loss; and

a text displaying section that displays the time decided by the text display time deciding section and the text decided by the display text deciding section.

14. (Original) A data transmitting apparatus that transmits text data to a counterpart station, comprising:

a text information storing section that stores text information to be transmitted to the counterpart station;

a next text data information generating section that generates information including a text length and/or a playback time contained in a text to be transmitted as next transmission data after transmission data currently being generated;

a header generating section that generates a header from control information for text data transmission and the next text data information generating information;

a payload generating section that generates a payload of transmission data from text data to be transmitted and its modification information;

a transmission data combining section that combines transmission data from the header and the payload; and

a data transmitting section that transmits the transmission data to the counterpart station.

15-18. (Canceled).

19. (Original) A transmission method for static image transmission data, said static image transmission data being for transporting and playing static image playback data in order, said static image playback data being for use for a playback of static image data, said transmission method comprising:

generating a payload section of the static image transmission data based on the static image playback data, said static image playback data including a plurality of divided static image data where the static image data is divided and playback start information for starting a playback of the divided static image data;

generating a header section of the static image transmission data to which static image information contained in a next packet is added; and

adding the header section to each generated payload section and making a packet,

wherein each payload section includes the playback start information of the static image header data.

20. (Original) A transmission method for static image transmission data, said static image transmission data being for transporting and playing static image playback data in order, said static image playback data being for use for a playback of static image data, said transmission method comprising:

generating a payload section of the static image transmission data based on the static image playback data, said static image playback data including a plurality of divided static image data where the static image data is divided and playback start information for starting a playback of the divided static image data;

generating a header section of the static image transmission data to which the number of divided static image data contained in a next packet is added; and

adding the header section to each generated payload section and making a packet,

wherein each payload section includes the playback start information of the static image header data.

21. (Original) A transmission method for static image transmission data, said static image transmission data being for transporting and playing static image playback data in order, said static image playback data being for use for a playback of static image data, said transmission method comprising:

generating a payload section of the static image transmission data based on the static image playback data, said static image playback data including a plurality of divided static image data where the static image data is divided and playback start information for starting a playback of the divided static image data;

generating a header section of the static image transmission data to which a playback time information of divided static image data contained in a next packet is added; and
adding the header section to each generated payload section and making a packet,
wherein each payload section includes the playback start information of the static image header data.

22. (Original) A transmission method for static image transmission data, said static image transmission data being for transporting and playing static image playback data in order, said static image playback data being for use for a playback of static image data, said transmission method comprising:

generating a payload section of the static image transmission data based on the static image playback data, said static image playback data including a plurality of divided static image data where the static image data is divided and playback start information for starting a playback of the divided static image data;

generating a header section of the static image transmission data to which a static image size of divided static image data contained in a next packet is added; and
adding the header section to each generated payload section and making a packet,
wherein each payload section includes the playback start information of the static image header data.

23. (Original) A receiving method for static image transmission data, said static image transmission data being for transporting and playing static image playback data in order, said

static image playback data being for use for a playback of static image data, said receiving method comprising:

receiving first static image transmission data and determining that there is a data loss when no static image transmission data of a second static image is received after a playback time of the first static image data passes; and

replacing static image information relating to divided static image data contained in next static image transmission data contained in the first static image transmission data with the second static image transmission data when it is determined that there is a data loss.

24. (Original) A reception and display method for static image transmission data, said static image transmission data being for transporting and playing static image playback data in order, said static image playback data being for use for a playback of static image data, said method comprising:

receiving first static image transmission data and determining that there is a data loss when no static image transmission data of a second static image is received after a playback time of the first static image data passes;

replacing static image information relating to divided static image data contained in next static image transmission data contained in the first static image transmission data with the second static image transmission data when it is determined that there is a data loss; and

displaying an alternate static image according to a size of the static image.

25. (Original) A data receiving apparatus comprising:

a data receiving section that receives static image data from a server or a counterpart station;

a static image display time extracting section that extracts a static image display time for displaying static image data from the received data;

an extension header storing section that stores information of an extension header where static image data information of next static image data is stored;

a data loss determining section that determines whether there is a loss of static image data;

a static image extracting and storing section that extracts and stores static image data from the received data;

an alternate static image storing section that stores a static image to be displayed when no static image data to be displayed is received;

a static image display time deciding section that decides a static image display time input from the extension header storing section as a time for displaying a static image when the data loss determining section determines that there is a data loss, and decides a static image display time input from the static image display time extracting section as the time for displaying a static image when it is determined that there is no data loss;

a display static image deciding section that decides to display the static image stored in the static image extracting and storing section when the data loss determining section determines that there is no data loss, and decides to display the alternate static image stored in the alternate static image storing section when the data loss determining section determines that there is a data loss; and

a static image displaying section that displays the time decided by the static image display time deciding section and the static image decided by the display static image deciding section.

26. (Original) A data transmitting apparatus that transmits static image data to a counterpart station, comprising:

a static image information storing section that stores static image information to be transmitted to the counterpart station;

a next static image data information generating section that generates information including a static image size and a playback time contained in a static image to be transmitted as next transmission data after transmission data currently being generated;

a header generating section that generates a header from control information for static image data transmission and the next static image data information generating information;

a payload generating section that generates a payload of transmission data from static image data to be transmitted and its modification information;

a transmission data combining section that combines transmission data from the header and the payload; and

a data transmitting section that transmits the transmission data to the counterpart station.

27. (Canceled).

28. (Original) A data receiving method that receives static media transmission data indicating a playback time of static media data sent to play a plurality of static media data in order, comprising:

receiving first static media transmission data and making a determination as to whether second static media transmission data is received after a playback time of the first static media data to be played based on the first static media transmission data passes,;

determining that there is a data loss when no second static media transmission data is received based on a determination result; and

starting transmission of a retransmission request of the first static media transmission data when it is determined that there is a data loss.

29. (Original) A data receiving method that receives static media transmission data indicating a playback time of static media data sent to play a plurality of static media data in order and a playback time of next static media data to be played after the static media data, comprising:

receiving first static media transmission data and making a determination as to whether second static media transmission data for playing the next static media data subsequent to the first static media data is received after a playback time of the first static media data to be played passes, based on the first static media transmission data;

determining that there is a data loss when no second static media transmission data is received based on a determination result;

starting transmission of a retransmission request of the first static media transmission data when it is determined that there is a data loss; and

ending the transmission of the retransmission request of the second static media transmission data according to the passage of a playback time of the next static media data based on a playback time of the next static media data included in the first static media transmission data.

30. (Original) The data receiving method according to claim 29, wherein a time that back by a round trip time that is required for a transmission of data between a transmitting side and a receiving side of the static media transmission data from a time at which a playback time of the next static media data ends, is set as a timing at which the transmission of the retransmission request of the second static media transmission data is ended.

31. (Canceled).

32. (Original) A data receiving method that receives static media transmission data indicating a playback time of static media data sent to play a plurality of static media data in order, a playback time of next static media data to be played after the static media data and the number of characters included in the next static media data, comprising:

receiving static media transmission data and making a determination as to whether next static media transmission data for playing the next static media data subsequent to the static

media data is received after a playback time of the static media data to be played passes, based on the static media transmission data;

determining that there is a data loss when no next static media transmission data is received based on a determination result; and

starting transmission of a retransmission request of the static media transmission data based on a condition, which is shown by the static media transmission data, that the number of characters of the next static data is greater than 0 when it is determined that there is a data loss.

33. (Original) A data receiving apparatus that receives static media transmission data indicating a playback time of static media data sent to play a plurality of static media data in order, comprising:

a reception result determining section that receives first static media transmission data and makes a determination as to whether second static media transmission data is received after a playback time of the first static media data to be played passes, based on the first static media transmission data;

a data loss determining section that determines that there is a data loss when no second static media transmission data is received based on a determination result of the reception result determining section; and

a retransmission request transmission starting section that starts transmission of a retransmission request of the first static media transmission data when the data loss determining section determines that there is a data loss.